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COELENTERATA

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Aequorea forskalea p. 38, BABNIK **3.**—*A.* discussed p. 127, *aequorea cœrulescens* p. 128, *grœnlandica* p. 129, RANSON **104.**

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Aglaura hemistoma p. 43, BABNIK **3.**—*A. hemistoma* p. 130, RANSON **104.**

†*Amphipora higutizawaensis* p. 445 fig., *cylindrica* p. 445 fig., **spp. n.** Silurian Japan, SUGIYAMA Jubilee Publ. Comm. Prof. H. Yabe etc. 1 1939.

†*Archaeolafoea* cf. *serialis* p. 43 fig., HARRIS & THOMAS **55.**

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Chlorohydra viridissima p. 39 fig., KAUDEWITZ **65.**

†*Clathrodictyon regulare* p. 438, cf. *vesiculosum* var. *minutum* p. 438, *onukii* **sp. n.** p. 439 fig., *tenuilaminatum* **sp. n.** p. 439 fig., *giganteum* **sp. n.** p. 440 fig., sp. ind. p. 440, Silurian Japan, SUGIYAMA Jubilee Publ. Comm, Prof, H, Yabe etc, 1 1939.

Clava multicornis p. 51 fig., BEREZINA **6.**

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†*Clavidictyon* **gen. n.** (fam. Actinostromidae) p. 441, genotype (by original designation) *columnare* p. 441 fig., *japonicum* p. 442 fig., *delicatulum* p. 442 fig., **spp. n.** Silurian Japan, SUGIYAMA Jubilee Pub. Comm. Prof. H. Yabe etc. 1 1939.

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†*Cryptophragmus* discussed p. 45, *antiquatus* p. 46 fig., *C.? rochensis* p. 46 fig., WILSON **151.**

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Cytaeis exigua p. 15, BABNIK **3.**

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†*Dermatostroma* discussed p. 49, *ottawaense* **sp. n.** p. 49 fig. Ordovician Canada, WILSON Geol. Surv. Bull. Canada 11 1948.

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Diphasia fallax p. 61 fig., *elegans* p. 61, *abietina* p. 61 fig., *filicula* p. 61 fig., BEREZINA **6.**—*D. subcarinata* p. 4 fig., COTTON & GODFREY **22.**

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Hydractinia echinata p. 51 fig., *sarsi*, *carnea* p. 52, BEREZINA **6**.

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†*Labechia* sp. p. 443 fig., SUGIYAMA **139**.—*L.* discussed p. 48, *antiqua* **sp. n.** p. 48 fig. Ordovician Canada, *subcylindrica*? p. 49 fig., WILSON Geol. Surv. Bull. Canada 11 1948.

†*Labechiella* **gen. n.** (fam. Labechiidae) p. 443, genotype (by original designation) *regularis* **sp. n.** p. 444 fig. Silurian Japan, SUGIYAMA Jubilee Publ. Comm. Prof. H. Yabe etc. 1 1939.

Lafoea (as *Laphoea* [*sic*]) *dumosa* p. 56 fig., *pocillum* p. 56 fig., *grandis* p. 56 fig., *fruticosa* p. 56 fig., BEREZINA **6**.

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[illegible] p. 22 fig., *ocellata* **sp. n.** p. 23 fig. Adriatic, BABNIK Acta adriat. Split. 3 9 1948.

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Rhopalonema velatum p. 41, BABNIK **3.**—*R. velatum* p. 130, RANSON **104.**

Rosalinda **gen. n.** (fam. Ceratellidae) p. 45, genotype (by author's designation) *williams* **sp. n.** p. 46 fig. Bay of Biscay, *incrustans* p. 46, TOTTON Brit. Sci. News London **3** 26 1949.

Saphenia gracilis p. 32, BABNIK **3.**

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Stomotoca dinema p. 20, BABNIK **3.**

†*Stromatocerium* discussed p. 47, *rugosum* p. 47 fig., var. *tumidum* **var. n.** p. 47 fig. Ordovician Canada, WILSON Geol. Surv. Bull. Canada 11 1948.—*S. rugosum* p. 354 fig., *pustulosum* p. 366 fig., WILSON **152.**

†*Stromatopora constellata* p. 27 fig., SAMPELAYO **122.**—*S. canaliculata* **sp. n.** p. 444 fig. Silurian Japan, SUGIYAMA Jubilee Publ. Comm. Prof. H. Yabe etc. **1** 1939.

†Stromatoporoid p. 384 fig., WILSON **152.**

Stylaster yabei **sp. n.** p. 1192 fig., *minor* **subsp. n.** p. 1193 fig., Japan, EGUCHI Jubilee Publ. Comm. Prof. H. Yabe etc. **2** 1940-41.

Thuiaria carica p. 62 fig., *articulata lonchites* p. 62 fig., *laxa* (= *immersa*) p. 62, *thuia* p. 62 fig., *absoleta* p. 62 fig., [BEREZINA] **6.**

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†GRAPTOLITHINA

Adelograptus hunnebergensis relationship to *Dictyonema flabelliforme* p. 534 fig., BULMAN **16.**—*A. hunnebergensis* p. 39 fig., *A.* or *Clonograptus* p. 39 fig., BULMAN **17.**

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Cactograptus sp. p. 43 fig., HARRIS & THOMAS **55.**

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Challapora **gen. n.** see Incertae Sedis.

Climacograptus thecal variation p. 532 fig., BULMAN **16.**—*C.* sp. p. 568 fig., EVITT **37.**—*C. styloideus*, cf. *minimus* p. 404, HENNINGSMOEN **58.**—*C.* discussed pp. 40, 43, 47, *C.* (*Climacograptus*) *bicornis* pp. 40, 47 fig., *innotatus* a sp. of the subgenus *Paraclimacograptus* pp. 40, 43, 47, PŘIBYL **100.**—*C.* discussed p. 2, *C.* (*Climacograptus*) *bicornis* group p. 3, *antiquus* group p. 4, *diplacanthus* p. 10 fig., *C.* (*C.?*) *tuberculatus* group p. 4, *typicalis* p. 10 fig., *C.* (*Paraclimacograptus*) p. 4, *C. scharenbergi* a *Pseudoclimacograptus* p. 5, PŘIBYL **101.**—*C. dualis* **sp. n.** p. 162 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 3 1949.—*C. rectispinus* **sp. n.** p. 168 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 3 1949.—*C. bicornis* p. 67 fig., *peltifer* p. 69 fig., *tridentatus* p. 69 fig., *tubuliferus* p. 71 fig., *minimus* p. 71 fig., *caudatus* p. 71 fig., *brevis* p. 71 fig., SHERRARD **130.**—*C.* sp. p. 369 fig., *rugosus* Hadding re-named *Diplograptus molestus* (*q.v.*) p. 369, THORSLUND **143.**—*C. scalaris* var. *normalis* p. 449 fig., var. *transgrediens* **var. n.** p. 452 fig., forma α–δ p. 453 fig., *medius* p. 449 fig., *premedius* **sp. n.** p. 455 fig., *indivisus* p. 456 fig., *rectangularis* p. 449 fig., Silurian Sweden, WÆRN Bull. Geol. Inst. Univ. Upsala **32** 1946-48.—*C.* discussed p. 50, *inuiti* var. *similis* **var. n.** p. 50 fig. Ordovician Canada, WILSON Geol. Surv. Bull. Canada **11** 1948.

Clonograptus tenellus relationship to *Dictyonema flabelliforme* p. 534 fig., BULMAN **16.**—*C.* or *Adelograptus* p. 39 fig., BULMAN **17.**—*C. pervelatus* **sp. n.** p. 365 fig. Ordovician Victoria (Australia), HARRIS & THOMAS Min. Geol. J. Dept. Mines Victoria **2** 6 1942.

Coenograptus see *Caenograptus*.

Corynoides calicularis p. 78 fig., SHERRARD **130.**—*C.* discussed p. 153, *calicularis* p. 156 fig., var. *americana* probably = *curtus* p. 155, *curtus* p. 157 fig., mut. *pristinus* probably = *incurvus* p. 155, *comma* p. 155, *gracilis* and mut. *perungulatus* = *calicularis* p. 155, *gracilis* var. *maximus* p. 155, *tricornis* p. 155, *ultimus* p. 155, *incurvus* p. 158 fig., *serpens* **sp. n.** p. 159 fig. Ordovician Scotland, STRACHAN Geol. Mag. London **86** 3 1949.

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Diplograptus proximal end p. 531 fig., BULMAN **16.**—*D.* (*Glyptograptus*) *euglyphus* var. *elongatus* **var. n.** p. 214 fig. Virginia, *D.* (*Orthograptus*) *truncatus* var. *longithecatus* **var. n.** p. 214 fig. Tennessee, *D.* (*Amplexograptus*) *maxwelli* var. *rarithecatus* **var. n.** p. 216 fig. Tennessee, Ordovician, DECKER J. Paleont. Menasha Wis. **23** 2 1949.—*D.* (*Glyptograptus*) *tamariscus* p. 54 fig., cf. *sinuatus* p. 55 fig., HARRIS & THOMAS **56.**—*D.* (*Orthograptus*) cf. *truncatus* p. 402, var. *pauperatus*, *quadrimucronatus* p. 403, HENNINGSMOEN **58.**—*D. bayensis*, *cuyanensis* p. 163, **spp. n.** Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 3 1949.—*D.* (*Orthograptus*) cf. *quadrimucronatus* var. *spinigerus* p. 71 fig., *truncatus* var. *pauperatus* p. 72 fig., *calcaratus* p. 72 fig., var. *basilicus* p. 72 fig., *apiculatus* p. 73, *D.* (*Glyptograptus*) *rostratus* **sp. n.** p. 73 fig. ? Ordovician New South Wales, cf. *D.* (*Amplexograptus*) sp. ind. p. 73 fig., SHERRARD Proc. Linn. Soc. N.S.W. **74** 1-2 1949. —*D. molestus* **nom. nov.** *pro Climacograptus rugosus* Hadding p. 369 fig. Ordovician Sweden, THORSLUND Bull. Geol. Inst. Univ. Upsala **32** 1946-48.—*D.* discussed p. 51, *amplexicaulis* cf. *pertenuis* p. 51 fig., *ottawaensis* **sp. n.** p. 51 fig. Ordovician Canada, *peosta* p. 52 fig., WILSON Geol. Surv. Bull. Canada **11** 1948.

Glossograptus ciliatus var. *robustus* p. 216 fig., var. *sparsithecatus* p. 216 fig., **varr. n.** Ordovician Tennessee, DECKER J. Paleont. Menasha Wis. **23** 2 1949.—*G. ? incertus* p. 5, *spinosus* p. 6, **spp. n.** Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 1 1949.—*G. crassispinus* **sp. n.** p. 164 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 3 1949.—*G. paraspinus* p. 166, *minutus* p. 167, **spp. n.** Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 3 1949.—*G. alfaensis* **sp. n.** p. 220 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 4 1949.—*G. hincksii* p. 75 fig., SHERRARD **130.**

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Goniograptus macer pp. 365, 366 fig., HARRIS & THOMAS **54.**

Hallograptus see *Lasiograptus*.

? Inocaulis sp. p. 45 fig., HARRIS & THOMAS **55.**

Janograptus simplicidentatus, *australis*, *bueyensis* p. 217, **spp. n.** Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 4 1949.

Lasiograptus harknessi p. 75 fig., *L.* cf. (*Hallograptus*) *mucronatus* p. 76 fig., *L.* (*Neurograptus*) cf. *fibratus* p. 76 fig., cf. *L.* (*N.*) *margaritatus* p. 76 fig., SHERRARD **130.**

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Cf. *Mastigograptus* sp. ind. p. 76 fig., SHERRARD **130.**

Metadimorphograptus **subgen. n.** of *Dimorphogratus* pp. 39, 43, 46, subgenotype (by original designation) *Dimorphograptus extenuatus* pp. 39, 43, 46 fig., PŘIBYL Věst. Sta. Geol. Ust. Ceskol. **23** 1948.

Mimograptus **gen. n.** p. 197, genotype (by monotypy) *mutabilis* **sp. n.** p. 197 fig. Ordovician Victoria (Australia), HARRIS & THOMAS Min. Geol. J. Dept. Mines Victoria 2 3 1940.

Monograptus proximal end p. 531 fig., *chimaera* p. 532 fig., *lobiferus* p. 532 fig., *spiralis* p. 532 fig., BULMAN **16.**—*M.* sp. p. 45 fig., HARRIS & THOMAS **55.**—*M. pandus* p. 52 fig., *marri* p. 52 fig., *undulatus* p. 54 fig., *crispus* p. 54 fig., cf. *halli* p. 54 fig., *turriculatus* p. 54 fig., cf. *gregarius* p. 54 fig., cf. *concinnus* p. 54 fig., HARRIS & THOMAS **56.**—*M.* sp. p. 146 fig., *microdon* p. 147 fig., *hercyniae* p. 147 fig., *flemingi* p. 148 fig., *testis* p. 148 fig., *machaeroides* p. 148 fig., *nilsoni* p. 148 fig., *tumidens* p. 148 fig., HUNDT **61.**—*M. pandus* transitional to *priodon* p. 36 fig., *crenularis* p. 36 fig., *priodon* p. 36 fig., KINDELÁN, CANTOS & HERNANDEZ-PACHECO **66.**—*M. uncinatus* var. *orbatus*, var. *microspora* p. 422, spp. p. 424 fig., LANG & COOKSON **73.**—*M. flemingii* p. 164, REGNÉLL **105.**—*M.* sp. aff. *priodon* p. 103 fig., RICHTER **113.**—*M. bayensis* **sp. n.** p. 4 fig. Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza 3 1 1947.

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Notograptus ? dentatus **sp. n.** p. 5 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza 3 1 1949.

Orthograptus thecal variation p. 532 fig., BULMAN **16.** —*O.* see also *Diplograptus*.

Paraclimacograptus **subgen. n.** of *Climacograptus* pp. 40, 43, 47, subgenotype (by original designation) *innotatus* pp. 40, 43, 47 fig., PŘIBYL Věst. Sta. Geol. Ust. Ceskol. 23 1948.

Phyllograptus gracii **sp. n.** p. 161 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza 3 3 1949.—*P. challaensis* **sp. n.** p. 166 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza 3 3 1949.

Plegmatograptus see *Retiolites*.

Pseudoclimacograptus **gen. n.** p. 5, genotype (by original designation) *Climacograptus scharenbergi* p. 5 fig., sp. p. 10 fig., PŘIBYL Rozpr. české Akad. Praha 57 2 1948.—*P. scharenbergi* pp. 41, 48 fig., PŘIBYL **100.**

Pterograptus longissimus **sp. n.** p. 165, RUSCONI Rev. Mus. Hist. nat. Mendoza 3 3 1949.

Rastrites thecal variation p. 532 fig., BULMAN **16.**

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Triograptus relationship to *Dictyonema flabelliforme* p. 534 fig., BULMAN **16.**

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Balticina protein fibres p. 55 fig., MARKS, BEAR & BLAKE **81.**

Caligorgia pseudoflabellum **sp. n.** p. 207 fig. Marshall Islands, BAYER Pacific Sci. Honolulu **3** 3 1949.

Chalcogorgia **gen. n.** (fam. Chrysogorgiidae) p. 238, genotype (by original designation) *pellucida* **sp. n.** p. 238 fig. Florida, BAYER J. Wash. Acad. Sci. **39** 7 1949.

Chalcogorgiinae **subfam. n.** (fam. Chrysogorgiidae) p. 238, BAYER J. Wash. Acad. Sci. **39** 7 1949.

Echinogorgia russelli **sp. n.** p. 202 fig. Marshall Islands, BAYER Pacific Sci. Honolulu **3** 3 1949.

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Syringopora discussed pp. 4, 7, *kettneri* **sp. n.** pp. 4, 10 fig. Devonian Bohemia, PRANTL Acta Mus. Nat. Pragae **5B** 6 1949.

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†*Acanthophyllum* diagnosed p. 20, *heterophyllum* p. 66 fig., var. *torquatum* p. 66 fig., *richteri* p. 66 fig., *praematurum* p. 66 fig., *gerolsteinense* p. 66 fig., STUMM **137.**

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†Acrophyllidae **fam. n.** p. 14, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Acrophyllum* diagnosed p. 14, *oneidaense* p. 63 fig., STUMM **137.**

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Actiniogeton discussed p. 62, CARLGREN **18.**

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Actinostephanus discussed p. 68, *haeckeli* pl. 4, CARLGREN **18.**

Actinostola discussed p. 78, CARLGREN **18.**

Actinothoë discussed p. 102, CARLGREN **18.**—*A. eruptaurantia* **sp. n.** p. 16 fig. North Carolina, FIELD Bull. Duke Univ. Mar. Stat. Durham N.C. No. 5 1949.

Adamsia discussed p. 98, CARLGREN **18.**—*A. palliata* p. 273 fig., LEGHISSA **74.**

Aiptasia discussed p. 107, CARLGREN **18.**

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†*Akiyosiphyllum* **gen. n.** p. 574, genotype *stylophorum* **sp. n.** Permian Japan, YABE & SUGIYAMA Proc. Imp. Acad. Tokyo **18** 1942 [not seen].

Alicia discussed p. 43, *beebei* pl. 4, CARLGREN **18.**

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†*Amplexiphyllum* **gen. n.** (fam. Metriophyllidae) p. 9, genotype (by original designation) *Amplexus hamiltonae* p. 9 fig. Devonian New York State, *Caninia tabulata* an *Amplexiphyllum* p. 9, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Amplexus hamiltonae* the genotype of *Amplexiphyllum* (*q.v.*) p. 9, *invaginatus* the genotype of *Breviphrentis* (*q.v.*) p. 13, *mirabilis* and *yandelli* are *Breviphrentis* p. 14, *lonensis* the genotype of *Breviphyllum* (*q.v.*) p. 25, STUMM **137.**—*A. shumardi* p. 388 fig., WILSON **152.**

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Antiparactis discussed p. 84, CARLGREN **18.**

†*Araiocaenia* **gen. n.** (fam. Astrocaeniinae [*sic*]), *decaphylla* p. 5 footnote, ALLOITEAU Práce Štát. Geol. Úst. Bratislava **24** 1949.

†Arcophyllinae **subfam. n.** of Cystiphylloidae (*q.v.*) p. 39, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Arcophyllum* discussed p. 43, *typus* p. 78 fig., *dachsbergi* p. 78 fig., sp. p. 78 fig., STUMM **137.**

Artemidactis discussed p. 102, CARLGREN **18.**

†*Aspasmophyllum* discussed, ?= *Mycophyllum* p. 49, *crinophyllum* pp. 49, 80 fig., STUMM **137.**

†*Asterosmilia profunda* ontogeny p. 159 fig., sp. ontogeny p. 159 fig., *hilli* ontogeny p. 160 fig., DURHAM **21.**

Astrangia ontogeny sp. p. 148 fig., *lajollaensis* ontogeny p. 151 fig., DURHAM **31.**—*A. danae* p. 18 fig., FIELD **42.**

†*Astrhelia palmata* p. 568 fig., EVITT **37.**

†*Astrocoenia d'achiardii* p. 60 fig., ZUFFARDI-COMERCI **168.**—*A.* (as *Astrocaenia* [*sic*]) *intermedia* **sp. n.** p. 5 fig. Eocene Czechoslovakia, *decaphylla* belongs to *Araiocaenia* (*q.v.*) p. 5, ALLOITEAU Práce Štát. Geol. Úst. Bratislava **24** 1949.

†*Astrophyllum* synonymous with *Acanthophyllum* p. 21, STUMM **137.**

†*Atelophyllum* discussed p. 40, *emsti* pp. 40, 77 fig., STUMM **137.**

†*Aulacophyllum* diagnosed p. 15, *sulcatum* p. 64 fig., *hemicrassatum* p. 64 fig., *parvum* p. 64 fig., *scyphus* p. 64 fig., STUMM **137.**

†*Aulina manchuriensis* **sp. n.** p. 148 fig. Lower Carboniferous Manchuria, YABE & MINATO Japan. J. Geol. Geogr. **19** 1-4 1944.

Aureliana discussed p. 70, CARLGREN **18.**

†*Australophyllum* **gen. n.** (fam. *Disphyllidae*) p. 34, genotype (by original designation) *Spongophyllum cyathophylloides* pp. 34, 73 fig. Devonian Queensland, STUMM Mem. Geol. Soc. Amer. **40** 1949.

Balanophyllia regia ontogeny p. 140 fig., *elegans* ontogeny p. 141 fig., DURHAM **31.**

†"*Balanophyllia*" *elongata* ontogeny p. 145 fig., "*B.*" *desmophyllum* var. *microcostata* ontogeny p. 146, "*B.*" *caulifera* ontogeny p. 146 fig., DURHAM **31.**

†*Barrandeophyllum* diagnosed p. 10, *perplexum* p. 61 fig., *bohemicum* p. 61 fig., *reimanni* p. 61 fig., STUMM **137.**

Bartholomea discussed p. 107, CARLGREN **18.**

Bathydactylus discussed p. 83, CARLGREN **18.**

Bathyphellia discussed p. 87, CARLGREN **18.**

†Bethanyphyllidae **fam. n.** p. 17, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†Bethanyphyllinae **subfam. n.** p. 17, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Bethanyphyllum* **gen. n.** (subfam. Bethanyphyllinae) p. 18, genotype (by original designation) *Cyathophyllum robustum* pp. 18, 65 fig. Devonian New York State, some spp. of *Grypophyllum* are *Bethanyphyllum* p. 18, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Billingsastraea* discussed p. 34, *verneuili* p. 73 fig., *yandelli* p. 73 fig., *nevadensis* p. 73 fig., *arachne* p. 73 fig., STUMM **137.**

†*Blothrophyllinae* **subfam. n.** p. 17, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Blothrophyllum* diagnosed p. 19, *decorticatum* p. 65 fig., *promissum* p. 65 fig., STUMM **137.**

†*Bojocyclus* diagnosed p. 5, *bohemicus* p. 59 fig., STUMM **137.**

Bolocera discussed p. 54, CARLGREN **18.**

Boloceractis discussed p. 40, CARLGREN **18.**

Boloceroides discussed p. 40, CARLGREN **18.**

Boloceropsis discussed p. 57, CARLGREN **18.**

†*Bothriophyllum* sp. (of Vollbrecht) is a sp. of *Zonodigonophyllum* (*q.v.*) pp. 46, 79 fig., STUMM **137.**

†*Breviphrentis* **gen. n.** (fam. Zaphrentidae) p. 13, genotype (by original designation) *Amplexus invaginatus* pp. 13, 62 fig. Middle Devonian Nevada, *mirabilis* pp. 14, 62 fig., *yandelli* p. 14, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Breviphyllum* **gen. n.** (fam. Leptoinophyllidae) p. 25, genotype (by original designation) *Amplexus lonensis* pp. 25, 69 fig. Middle Devonian Nevada, sp. p. 69 fig., *lindströmi* (=*Cyathophyllum flexuosum* Ed. & H.) p. 69 fig., *tenuistriatum* p. 69 fig., STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Briantia* diagnosed p. 51, *repleta* pp. 51, 81 fig., STUMM **137.**

†*Bucanophyllum* discussed p. 42, lectotype of *gracile* chosen p. 42 fig., STUMM **137.**

Bunodactis discussed p. 64, *spetsbergensis* pls. 2, 3, CARLGREN **18.**

Bunodeopsis discussed p. 40, CARLGREN **18.**

Bunodosoma discussed p. 51, CARLGREN **18.**

†*Buschophyllum* **gen. n.** (fam. Metriophyllidae) p. 9, genotype (by original designation) *Caninia complexa* p. 9 fig. Middle Devonian New York State, STUMM Mem. Geol. Soc. Amer. **40** 1949.

Cactosoma discussed p. 34, CARLGREN **18.**

Calamactinia **gen. n.** (fam. Halcampoididae) p. 28, genotype (by monotypy) *goughiensis* **sp. n.** p. 28 Gough Island, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) **1** 1 1949.

Calamactis **gen. n.** (fam. Halcampoididae) p. 27, genotype (by monotypy) *praelongus* **sp. n.** p. 27 Mexico, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) **1** 1 1949.

†*Calceola sandalina* p. 30 fig., SAMPELAYO **122.**—*C.* discussed p. 52, *sandalina* pp. 52, 82 fig., STUMM **137.**—*C. sandalina* p. 305, RENAUD **112.**

†Calceolidae discussed p. 52, STUMM **137.**

Calliactis discussed p. 97, CARLGREN **18.**—*C. parasitica* p. 641 fig., CHAPMAN **19.**—*C. tricolor* p. 12 fig., FIELD **42.**—*C. parasitica* p. 273 fig., LEGHISSA **74.**

†*Campophyllum cylindricum* a sp. of *Macgeea* (*q.v.*) p. 164, SCHOUPPÉ **126.**

†*Caninia* sp. p. 107 fig., NEWELL **94.**—*C. tabulata* a sp. of *Amplexiphyllum* p. 9, *complexa* the genotype of *Buschophyllum* (*q.v.*) p. 9, STUMM **137.**

†*Cannophyllum* genolectotype chosen as *Disphyllum goldfussi*, exact synonym of *Disphyllum* p. 33, STUMM **137.**

Capneopsis probably a synonym of *Andwakia* p. 38, CARLGREN **18.**

Carlgrenia discussed p. 19, CARLGREN **18.**

Caryophyllia alaskensis ontogeny p. 152 fig., sp. p. 153, "*C.*" *texana* is a *Parasmilia* (?) p. 156 fig., DURHAM **31.**

†*Caryophyllia*(?) sp. aff. *cupuliformis* p. 9 fig., COLLIGNON **20.**

Cataphellia discussed p. 95, CARLGREN **18.**

†*Cayugaea* discussed p. 41, *whiteavesiana* pp. 41, 77 fig., STUMM **137.**

†*Cenomanosmilia* **gen. n.** (fam. Trochosmiliidae) p. 22, genotype (by author's designation) *Lophosmilia cenomana* p. 22, *bojnicensis* **sp. n.** p. 25 fig. Eocene Czechoslovakia, ALLOITEAU Práce Štát. Geol. Úst. Bratislava **24** 1949.

†*Ceratophyllum* diagnosed p. 18, *dohmi* p. 65 fig., *ceratites* p. 65 fig., *C.* ? *ceratites* p. 65 fig., STUMM **137.**

Cereus discussed p. 101, CARLGREN **18.**

Cerianthus americanus p. 19 fig., FIELD **42.**

Charisea discussed p. 46, CARLGREN **18.**

Charisella **gen. n.** (fam. Condylanthidae) p. 46, genotype (by monotypy) *elongata* **sp. n.** p. 46 Great Barrier Reef, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) **1** 1 1949.

†*Chlamydophyllum* diagnosed p. 51, *obscurum* pp. 51, 81 fig., STUMM **137.**

Chondrophellia discussed p. 98, CARLGREN **18.**

†Chonophyllidae discussed p. 47, STUMM **137.**

†Chonophyllinae discussed p. 48, STUMM **137.**

†*Chonophyllum* diagnosed p. 48, *perfoliatum* pp. 48, 80 fig., *infundibulum* p. 80 fig., STUMM **137.**—*C. vulcanius* p. 388 fig., WILSON **152.**

Choriactis discussed p. 104, CARLGREN **18.**

†*Circophyllia costata* **sp. n.** p. 28 fig. Eocene Czechoslovakia, ALLOITEAU Práce Štát. Geol. Úst. Bratislava **24** 1949.

Cladactella discussed p. 61, CARLGREN **18.**

Cnidanthus discussed p. 82, CARLGREN **18.**

Cnidopus discussed p. 61, CARLGREN **18.**

†*Coleophyllum* discussed p. 51, *romingeri* pp. 51, 81 fig., STUMM **137.**

†*Columnaria* diagnosed p. 29, *sulcata* p. 71 fig., STUMM **137.**—*C.* diagnosed p. 33, *alveolata* p. 33 fig., *discreta* p. 34 fig., *magnifica* p. 34 fig., WILSON **151.**—*C. halli* p. 354 fig., *alveolata* p. 366 fig., WILSON **152**

†Columnariidae discussed p. 28, STUMM **137.**

†Columnariinae discussed p. 28, STUMM **137.**

†*Combophyllum* diagnosed p. 5, *osismorum* p. 59 fig., STUMM **137.**

†*Compressiphyllum* **gen. n.** (fam. Zaphrentidae) p. 13, genotype (by original designation) *Zaphrentis compressa* Rominger (*non* Ed. & H.) =*Z. davisana* pp. 13, 62 fig. Middle Devonian North-east U.S.A., STUMM Mem. Geol. Soc. Amer. **40** 1949.

Condylactis discussed p. 63, CARLGREN **18.**

Condylanthus discussed p. 45, *magellanicus* pl. 3, CARLGREN **18.**

Coralliomorphus discussed p. 13, CARLGREN **18.**

†*Corwenia* discussed p. 629, MCLAREN & SUTHERLAND **79.**

Corynactis discussed p. 13, CARLGREN **18.**

Cribrinopsis discussed p. 64, *similis* pl. 3, CARLGREN **18.**

Cricophorus discussed p. 95, *nutrix* pl. 2, CARLGREN **18.**

Cryptodendrum discussed p. 70, CARLGREN **18.**

Cyathoceras quaylei ontogeny p. 153 fig., DURHAM **31.**

†*Cyathogonium* genolectotype chosen as *Acervularia ananas*, a synonym of *Acervularia* p. 33, STUMM **137.**

†*Cyathopaedium* diagnosed p. 30, *paucitabulatum* p. 71 fig., STUMM **137.**

†*Cyathophyllum* (*Pseudoptenophyllum*) *ceratites* p. 23 fig., SAMPELAYO **122.**—*C. bathycalyx* p. 175, SCHOUPPÉ **126.**—"*C.*" sp. p. 230 fig., SCHWARZBACH **127.**—*C.* discussed p. 22, *dianthus* p. 67 fig., cf. *dianthus* p. 67 fig., *robustum* the genotype of *Bethanyphyllum* (*q.v.*) p. 18, *brevicorne* the genotype of *Heliophylloides* (*q.v.*) p. 18, *goldfussi* Ed. & H. *non* Castelnau re-named *eifelense* (genotype of *Plasmophyllum q.v.*) pp. 20, 65 fig., *helianthoides* partim is a sp. of *Trematophyllum* (*q.v.*), lectotype of *helianthoides* chosen p. 22, *flexuosum* Ed. & H. (non Goldfuss) = *lindstromi* p. 69 fig., *petraiodes* p. 26, *bathycalyx* is a sp. of *Macgeea* p. 35, lectotype of *vesiculosum* chosen p. 44, *vesiculosum* synonymous with *Mesophyllum defectum* pp. 44, 78 fig., STUMM **137.**—*C. radicula* p. 388 fig., WILSON **152.**

†*Cylindrohelium* a synonym of *Cylindrophyllum* p. 33, *profundum* pp. 33, 72 fig., STUMM **137.**

†*Cylindrophyllum delicatulum* p. 23 fig., *grabaui* p. 24 fig., **spp. n.**, *hindshawi* p. 25 fig., *magnum* **sp. n.** p. 26 fig., *panicum* p. 27 fig., Middle Devonian Michigan, EHLERS & STUMM Contr. Mus. Paleont. Univ. Michigan Ann Arbor **8** 3 1949.—*C.* discussed p. 33, synonymous with *Cylindrohelium* p. 33, *elongatum* pp. 33, 72 fig., *spongiosum* p. 72 fig., *profundum* p. 72 fig., *hindhawsi* p. 72 fig., STUMM **137.**

Cylista leucolena p. 13 fig., FIELD **42.**

†Cystiphylloidae **nom. n.** (*pro* Lytophyllidae Wedekind & Vollbrecht) p. 38 Devonian, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Cystiphylloides* Chapman discussed p. 39, synonymous with *Cystiphylloides* Yoh p. 39, *kwangsiensis* p. 76 fig., *americanus* pp. 39, 76, *pseudoseptatus* pp. 39, 76 fig., *C.? fongi* p. 77 fig., STUMM **137.**

†Cystiphylloinae **subfam. n.** p. 38, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Cystiphyllum vesiculosum* p. 19 fig., SAMPELAYO **122.**—*C.* discussed p. 38, *aggregatum*, *americanum* and *pseudoseptatum* are *Cystiphylloides* (*q.v.*) **p.** 39, STUMM **137.**

Dactylanthus discussed p. 11, CARLGREN **18.**

Daontesia discussed p. 87, CARLGREN **18.**

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†*Dendracis gervillei* p. 7 fig., *haidingeri* p. 7, ALLOITEAU **1.**—*D. gervillii* p. 61, ZUFFARDI-COMERCI **168.**

†*Depasophyllum adnetum* p. 30 fig., EHLERS & STUMM **36.**—*D.* diagnosed p. 30, *adnetum* p. 71 fig., STUMM **137.**

Desmophyllum cristagalli ontogeny p. 158 fig., *willcoxi* p. 159, DURHAM **31.**

Diadumene discussed p. 109, *cincta* pl. 4, CARLGREN **18.**—*D. luciae* p. 10 fig., FIELD **42.**

†*Dialithophyllum* diagnosed p. 41, *complicatum* pp. 41, 77 fig., *simplex* p. 77 fig., STUMM **137.**

†Digonophyllidae discussed p. 45, STUMM **137.**

†*Digonophyllum* diagnosed p. 45, *schulzi* pp. 45, 79 fig., STUMM **137.**

†*Diphyphyllum* a diphymorph of *Lithostrotion* p. 628, MCLAREN & SUTHERLAND **79.**

†*Diphystrotion* a diphymorph of *Lithostrotion* p. 628, MCLAREN & SUTHERLAND **79.**

†*Diplochone* discussed p. 42, *striata* pp. 42, 77 fig., STUMM **137.**

†*Diplophyllum* Soshkina *non* Hall a synonym of *Temnophyllum* p. 36, STUMM **137.**

†Disphyllidae discussed p. 31, STUMM **137.**

†Disphyllinae discussed p. 32, STUMM **137.**

†*Disphyllum compactum* **sp. n.** p. 22 fig. Middle Devonian Michigan, EHLERS & STUMM Contr. Mus. Paleont. Univ. Michigan Ann Arbor **8** 3 1949.—*D.* [as *Dysphyllum* (*sic*)] (*Phacellophyllum*) *caespitosum* p. 22 fig., SAMPELAYO **122.**—*D.* discussed p. 32, synonymous with *Cannophyllum*, *Pseudostringophyllum* and *Megaphyllum* p. 33, *goldfussi* p. 33 fig., STUMM **137.**

†*Ditoechelasma* diagnosed p. 8, *fanninganum* p. 60 fig., STUMM **137.**

†*Diversophyllum* discussed p. 25, *traversense* p. 69 fig., STUMM **137.**

Dofleinia discussed p. 57, CARLGREN **18.**

†*Dohmophyllum* a synonym of *Trematophyllum* p. 22, STUMM **137.**

†*Dorlodotia* possibly a genomorph of *Lithostrotion* p. 630, MCLAREN & SUTHERLAND **79.**

Drillactis discussed p. 26, CARLGREN **18.**

†*Edaphophyllum* discussed p. 43, STUMM **137.**

Edwardsia discussed p. 22, tentacles and mesenteries pl. 1, *longicornis* b-mastigophor pl. 4, CARLGREN **18.**

†*Edwardsosmilia* **gen. n.** (fam. Parasmiliinae), genotype (by original designation) *Trochosmilia faujasi* p. 1150 Upper Cretaceous Holland, ALLOITEAU C.R. Séances Acad. Sci. Paris **228** 1949.

†*Elasmophyllum* p. 26, STUMM **137.**

†*Endophyllum* diagnosed p. 31, *abditum* p. 71 fig., STUMM **137.**

†*Enteleiophyllum* discussed p. 42, *sundwigense* pp. 42, 77 fig., STUMM **137.**

†*Enterelasma* diagnosed p. 8, *strictum* p. 60 fig., STUMM **137.**

Epiactis discussed p. 58, CARLGREN **18.**

Epiparactis discussed p. 84, CARLGREN **18.**

Epiphellia **gen. n.** (fam. Isophelliidae) p. 89, genotype (by original designation) *anneae* **sp. n.** [and NOM. NUD.] p. 90 Great Barrier Reef, *elongata* NOM. NUD., *australis* NOM. NUD. p. 90, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) 1 1 1949.

Epizoanthus americanus p. 17 fig., FIELD **42.**

†Eridophyllinae **nom. n.** (*pro* Craspedophyllidae and Crepidophyllidae) p. 32, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Eridophyllum archiaci* p. 29 fig., *subcaespitosum* p. 30 fig., EHLERS & STUMM **36.**—*E.* discussed p. 37, *seriale* p. 75 fig., *subcaespitosum* p. 75 fig., *archiaci* p. 75 fig., *colligatum* p. 75 fig., *americanum* (probably = *colligatum*) p. 75 fig., *obliquum* p. 75 fig., STUMM **137.**

Euphellia discussed p. 91, CARLGREN **18.**

Euphyllia sp. p. 38 fig., FAIRBRIDGE **40.**

†*Eupsammia* discussed p. 147, *elongata* ontogeny p. 145, *caulifera* ontogeny p. 146 fig., DURHAM **31.**

†*Eurekaphyllum* diagnosed p. 17, *breviseptatum* p. 64 fig., STUMM **137.**

Evactis discussed p. 64, CARLGREN **18.**

Exocoelactis discussed p. 85, *tuberosa* pl. 1, CARLGREN **18.**

Fagesia discussed p. 25, CARLGREN **18.**

†*Fascicularia* a synonym of *Macgeea* (*Thamnophyllum*) p. 115, SCHOUPPÉ **126.**

†*Fasciphyllum* diagnosed p. 29, *conglomeratum* p. 71 fig., STUMM **137.**

Flabellum cuneiforme var. ontogeny p. 160 fig., DURHAM **31.**

Flosmaris discussed p. 89, CARLGREN **18.**

Glyphoperidium discussed p. 59, *ursa* pl. 2, CARLGREN **18.**

Glyphostylum discussed p. 60, CARLGREN **18.**

Gonactinia discussed p. 17, CARLGREN **18.**

†*Goniopora ameliana* p. 11 fig., *katzeri* p. 12 fig., ALLOITEAU **1.**

†Grypophyllinae **subfam. n.** of Leptoinophyllidae (*q.v.*) p. 23, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Grypophyllum* aff. *isactis* p. 15 fig., SAMPELAYO **122.**—*G.* diagnosed p. 27, *denckmanni* p. 69 fig., STUMM **137.**

Gyrostoma discussed p. 58, CARLGREN **18.**

†Hadrophyllidae **fam. n.** p. 4, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Hadrophyllum* diagnosed p. 5, *orbignyi* p. 59 fig., STUMM **137.**

Halcampa discussed p. 33, CARLGREN **18.**

Halcampactis discussed p. 36, CARLGREN **18.**

Halcampaster discussed p. 35, CARLGREN **18.**

Halcampella discussed p. 28, CARLGREN **18.**

Halcampogeton discussed p. 24, CARLGREN **18.**

Halcampoides discussed p. 27, *purpurea* pls. 3, 4, CARLGREN **18.**—*H.* sp. p. 8 fig., FIELD **42.**

Halcurias discussed p. 18, *carlgreni* pl. 1, CARLGREN **18.**

Haliactiidae **fam. n.** p. 36, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) 1 1 1949.

Haliactis discussed p. 36, CARLGREN **18.**

Halianthella discussed p. 35, CARLGREN **18.**

†*Hallia* diagnosed p. 16, *insignis* p. 64 fig., *vesiculata* p. 64 fig., *zonata* p. 64 fig., STUMM **137.**

†Halliidae discussed p. 15, STUMM **137.**

†Halliinae discussed p. 15, STUMM **137.**

Haloclava discussed p. 30, CARLGREN **18.**

Harenactis discussed p. 31, CARLGREN **18.**

†*Helenterophyllum* a synonym of *Zaphrentis, caliculoides* probably = Z. *phrygia* (*q.v.*) p. 12, STUMM **137.**

†*Heliastraea* cf. *alpina* p. 15 fig., ALLOITEAU **1.**

†*Heliogonium* genolectotype chosen as *Heliophyllum confluens*, synonymous with *Heliophyllum* p. 21, STUMM **137.**

†*Heliophrentis* a synonym of *Zaphrentis, alternatum* almost certainly = Z. *phrygia* (*q.v.*) p. 12, STUMM **137.**

†*Heliophylloides* **gen. n.** (subfam. Bethanyphyllinae) p. 18, genotype (by original designation) *Cyathophyllum brevicorne* pp. 18, 65 fig. Devonian U.S.A., STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Heliophyllum* diagnosed p. 21, *halli* p. 66 fig., *heiligensteini* p. 66 fig., *confluens* chosen as genolectotype of *Heliogonium* p. 21, *exiguum* a *Homalophyllum* (*q.v.*) p. 13, STUMM **137.**—*H. pegramense* p. 388 fig., WILSON **152.**

†*Hemicosmophyllum* diagnosed p. 44, *limbatum* p. 78 fig., STUMM **137.**

†*Hemicystiphyllum* diagnosed p. 41, *frechi* pp. 41, 77 fig., STUMM **137.**

Heteractis discussed p. 108, CARLGREN **18.**

Heteranthus discussed p. 75, CARLGREN **18.**

Heterodactyla discussed p. 69, CARLGREN **18.**

†*Heterophrentis* diagnosed p. 11, *prolifica* p. 62 fig., *terebrata* p. 62 fig., STUMM **137.**

†*Hexagonaria* discussed p. 33, *davidsoni* p. 72 fig., *prisma* p. 72 fig., *kirki* p. 72 fig., sp. p. 72 fig., STUMM **137.**

†*Holophragma* p. 52, STUMM **137.**

†*Homalophyllum* diagnosed p. 13, *ungulum* p. 62 fig., *exiguum* p. 13, STUMM **137.**

Homostichanthus discussed p. 72, CARLGREN **18.**

Hormathia discussed p. 92, CARLGREN **18.**

Hormathianthus discussed p. 97, CARLGREN **18.**

Hormosoma discussed p. 82, CARLGREN **18.**

Ilyactis probably a synonym of *Andwakia* p. 38, CARLGREN **18.**

†*Iowaphyllum* **gen. n.** (fam. Chonophyllidae) p. 50, genotype (by original designation) *Smithia johanni* pp. 50, 82 fig., *alpenensis* p. 50, *knotti* pp. 50, 82 fig., *marginatum* p. 81 fig., STUMM Mem. Geol. Soc. Amer. **40** 1949.

Isactinernus discussed p. 20, CARLGREN **18.**

Isactinia discussed p. 55, CARLGREN **18.**

Isadamsia discussed p. 60, CARLGREN **18.**

Isantheopsis discussed p. 57, CARLGREN **18.**

Isanthus discussed p. 76, CARLGREN **18.**

Isocradactis discussed p. 66, CARLGREN **18.**

Isoedwardsia discussed p. 24, CARLGREN **18.**

Isometridium **gen. n.** (fam. Metridiidae) p. 106, genotype (by monotypy) *richettsi* **sp. n.** p. 106 Mexico, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) **1** 1 1949.

Isoparactis discussed p. 83, CARLGREN **18.**

Isophellia discussed p. 89, CARLGREN **18.**

Isosicyonis discussed p. 56, CARLGREN **18.**

Isotealia discussed p. 56, CARLGREN **18.**

Kadosactis discussed p. 104, *rosea* pl. 3, CARLGREN **18.**

†*Kionelasma* diagnosed p. 8, *mammiferum* p. 60 fig., STUMM **137.**

†*Kueichouphyllum* discussed, new forms, MINATO **86** [not seen].

†*Kunthia* discussed p. 26, *crateriformis* p. 69 fig., STUMM **137.**

†*Lambeophyllum* discussed p. 30, *L.* ? *apertum* p. 31 fig., var. *rotundum* **var. n.** p. 31 fig. Ordovician Canada, *L. profundum* p. 32 fig., WILSON Geol. Surv. Bull. Canada **11** 1948.

Lebrunia discussed p. 44, CARLGREN **18.**

†*Lecanophyllum* diagnosed p. 47, *punctatum* pp. 47, 79 fig., STUMM **137.**

†*Legnophyllum* a synonym of *Zonophyllum* (*q.v.*) p. 46, *cylindricum* pp. 46, 79 fig., STUMM **137.**

Leipsiceras discussed p. 55, *valens* pl. 2, CARLGREN **18.**

†Leptoinophyllidae **nom. n.** *pro* Stenophyllidae p. 23, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†Leptoinophyllinae discussed p. 23, STUMM **137.**

†*Leptoinophyllum* cf. *multiseptatum* p. 17 fig., SAMPELAYO **122.**—*L.* discussed p. 23, *diluvianum* pp. 24, 68 fig., *multiseptatum* p. 68 fig., *vermiculare* p. 68 fig., STUMM **137.**

Limnactinia discussed p. 29, CARLGREN **18.**

†*Lindströmia* discussed p. 7, *columnaris* p. 60 fig., STUMM **137.**—*L.* (as *Lindstromia* [*sic*]) diagnosed p. 32, *whiteavesi* p. 32 fig., WILSON **151.**

Liponema discussed p. 54, CARLGREN **18.**

†*Lithophyllum* re-named *Wedekindophyllum*, most spp. are *Cystiphylloides* p. 39, STUMM **137.**

†*Lithostrotion* discussed p. 628, sp. p. 631 fig., MCLAREN & SUTHERLAND **79.**

†*Lithostrotionella* discussed p. 628, a genomorph of *Lithostrotion* p. 630, MCLAREN & SUTHERLAND **79.**

Litophellia discussed p. 91, CARLGREN **18.**

†*Loepophyllum* discussed, synonymous with *Schizophyllum* Wedekind p. 28, *büchelense* p. 70 fig., *kerpense* p. 70 fig., STUMM **137.**—*L.* (as *Loipophyllum* [*sic*]) sp. p. 14 fig., SAMPELAYO **122.**

†*Lonsdaleia* discussed p. 629, MCLAREN & SUTHERLAND **79.**

†*Lophosmilia cenomana* genotype of *Cenomanosmilia* (*q.v.*) p. 22, ALLOITEAU **1.**

†*Loyolophyllum* diagnosed p. 29, *creswelli* p. 71 fig., STUMM **137.**

†*Lyliophyllum* discussed p. 24, probably synonymous with *Nalivkinella* p. 25, *robustum* p. 68 fig., STUMM **137.**

†*Lyrielasma* diagnosed p. 34, STUMM **137.**

†*Macgeea solitaria* p. 23 fig., SAMPELAYO **122.**—*M.* discussed p. 120, *M.* (*Thamnophyllum*) *hörnesi* p. 128 fig., var. *trigemme* p. 131 fig., *stachei* p. 135 fig., *murchisoni* p. 137 fig., *caespitosa* p. 138 fig., var. *minus* p. 152 fig., *achanayensis* p. 157 fig., *penecke*i **sp. n.** p. 159 fig. Devonian Mooskogel, *M.* (*Macgeea*) *solitaria* p. 159 fig., *dubia* p. 161 fig. *cylindrica* 164 fig., *gallica* p. 166 fig., *supradevonica* p. 168 fig., *berdensis* p. 169 fig., *sozialis* p. 174, *M. originata*, *culmula* p. 174, *M.* (*Synaptophyllum*) *spiralis* p. 171 fig., *nalivkini* p. 172 fig., SCHOUPPÉ Palaeontographica Stuttgart **97A** 4-6 1949.—*M.* discussed p. 35, *solitaria* p. 74 fig., *magna* p. 74 fig., *bathycalyx* p. 74 fig., STUMM **137.**

Macrocnema discussed p. 46, CARLGREN **18.**

Macrodactyla discussed p. 63, CARLGREN **18.**

Megalactis discussed p. 68, CARLGREN **18.**

†*Megaphyllum* a synonym of *Disphyllum* p. 33, STUMM **137.**

Mena discussed p. 35, *chilkaea* pl. 2, CARLGREN **18.**

Mesacmaea discussed p. 31, CARLGREN **18.**

†*Mesophyllum* diagnosed p. 44, lectotype of *vesiculosum* chosen p. 44, *vesiculosum*=*defectum* pp. 44, 78 fig., STUMM **137.**

Metapeachia discussed p. 31, CARLGREN **18.**

Metarhodactis discussed p. 16, *boninensis* pl. 4, CARLGREN **18.**

Metedwardsia discussed p. 26, CARLGREN **18.**

Metridium discussed p. 106, *senile* pl. 2, CARLGREN **18.**

†Metriophyllidae discussed p. 6, STUMM **137.**

†*Metriophyllum* diagnosed, synonymous with *Lophelasma* p. 7, *bouchardi* p. 60 fig., *carinatum* p. 60 fig., STUMM **137.**

†*Microcyclus* diagnosed p. 6, *multiradiatus* p. 59 fig., *discus* p. 59 fig., *thedfordensis* p. 59 fig., STUMM **137.**—*M. bifidus* p. 507 fig., *erraticus* p. 508 fig., **spp. n.** Devonian Canada, *alpenensis* **sp. n.** p. 508 fig. Devonian Michigan, *discus* p. 508 fig., *thedfordensis* p. 508 fig., STUMM J. Paleont. Menasha Wis. **23** 5 1949.

†*Mictophyllum* diagnosed p. 25, *nobile* p. 68 fig., STUMM **137.**

Minyadid mesenterial arrangement pl. 1, CARLGREN **18.**

Minyas discussed p. 71, CARLGREN **18.**

†*Mochlophyllum* diagnosed p. 44, *maximum* pp. 44, 78 fig., STUMM **137.**

†*Moravophyllum* diagnosed p. 21, *ptenophylloides* p. 66 fig., STUMM **137.**

†*Mycophyllum* diagnosed p. 49, *crateroides* pp. 49, 80 fig., ? synonymous with *Aspasmophyllum* p. 49, STUMM **137.**

Myonanthus discussed p. 56, *ambiguus* pl. 2, CARLGREN **18.**

†*Nalivkinella* probably a synonym of *Lyliophyllum* p. 25, STUMM **137.**

†*Naos* diagnosed p. 49, *pagoda* pp. 49, 80 fig., *magnificus* p. 80 fig., STUMM **137.**

†*Nardophyllum* discussed p. 39, synonymous with *Plagiophyllum* and possibly with *Wedekindophyllum* p. 40, *exzentricum* p. 76 fig., *cuneiforme* p. 76 fig., *cylindricum* p. 76 fig., *obliquum* p. 76 fig., STUMM **137.**

Nectactis discussed p. 12, CARLGREN **18.**

Nemanthus discussed p. 110, CARLGREN **18.**

Nematosella discussed p. 25, CARLGREN **18.**

Neophellia discussed p. 76, CARLGREN **18.**

†*Neospongophyllum* diagnosed p. 28, *variabile* p. 70 fig., *sociale* p. 70 fig., STUMM **137.**

†*Neostringophyllum* diagnosed p. 24, *ultimum* p. 68 fig., STUMM **137.**

†*Nevadaphyllum* diagnosed p. 19, *masoni* p. 65 fig., STUMM **137.**

Nevadne discussed p. 41, CARLGREN **18.**

Octineon discussed p. 38, CARLGREN **18.**

†*Odontophyllum* diagnosed p. 16, *convergens* p. 64 fig., STUMM **137.**

†*Oligophyllum* diagnosed p. 4, *quinqueseptatum* p. 58 fig., STUMM **137.**

†*Omphyma* aff. *marginata* p. 18 fig., SAMPELAYO **122.**

Ophiodiscus discussed p. 79, CARLGREN **18.**

Oractis discussed p. 32, CARLGREN **18.**

†*Orbicella forojuliensis* p. 59 fig., ZUFFARDI-COMERCI **168.**

Orinia discussed p. 15, CARLGREN **18.**

†*Orthophyllum* diagnosed p. 3, *bifidum* p. 58 fig., *praecox* p. 58 fig., STUMM **137.**

Oulactis discussed p. 52, CARLGREN **18.**

Oxysmilia rotundifolia ontogeny p. 153, DURHAM **31.**

†*Pachygyra* discussed, *labyrinthica* p. 26, *flexuosissima* p. 27 fig., ALLOITEAU **1.**

†Pachyphyllinae **subfam. n.** (of Disphyllidae) p. 32, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Pachyphyllum vagabundum* **sp. n.** p. 1 fig. Upper Devonian New York State, *woodmanni* p. 2 fig., EHLERS Contr. Mus. Paleont. Univ. Michigan Ann Arbor **8** 1 1949.—*P.* diagnosed p. 37, *bouchardi* p. 74 fig., *woodmani* p. 74 fig., sp. p. 74 fig., STUMM **137.**

†Papiliophyllinae discussed pp. 15, 16, STUMM **137.**

†*Papiliophyllum* diagnosed p. 16, *elegantulum* p. 64 fig., STUMM **137.**

Parabunodactis discussed p. 66, CARLGREN **18.**

Paracalliactis discussed p. 94, CARLGREN **18.**

Paracondylactis discussed p. 55, CARLGREN **18.**

Paractinostola discussed p. 78, CARLGREN **18.**

Paractis rapiformis p. 15 fig., FIELD **42.**

Paracyathus stearnsii ontogeny p. 153 fig., *defillipi* p. 156, *P.* (?) *texana* ontogeny p. 156 fig., DURHAM **31.**

Paradiscosoma discussed p. 15, CARLGREN **18.**

Paraedwardsia discussed p. 24, *arenaria* pl. 3, CARLGREN **18.**

Parahalcampa discussed p. 34, CARLGREN **18.**

†*Paralithophyllum* discussed p. 40, *fusiforme* pp. 40, 76 fig., STUMM **137.**

Paranemonia discussed p. 59, CARLGREN **18.**

Parantheopsis discussed p. 62, CARLGREN **18.**

Paranthus discussed p. 82, CARLGREN **18.**

Paraphellia discussed p. 96, CARLGREN **18.**

Paraphelliactis discussed p. 94, CARLGREN **18.**

†Paraphylliidae **fam. n.** p. 1149, ALLOITEAU C.R. Seances Acad. Sci. Paris **228** 1949.

Parasicyonis discussed p. 80, *sarsii* pl. 3, CARLGREN **18.**

†*Paterophyllum* diagnosed p. 4, *explanans* p. 58 fig., *perlatum* p. 58 fig., STUMM **137.**

†?*Pattalophyllia conica* **sp. n.** p. 13 fig. Eocene Czechoslovakia, ALLOITEAU Práce Štát. Geol. Ust. Bratislava **24** 1949.

Peachia discussed p. 32, CARLGREN **18.**

Pelocoetes discussed p. 37, CARLGREN **18.**

†*Peneckiella* a synonym of *Macgeea* (*Thamnophyllum*) pp. 102, 115, SCHOUPPÉ **126.**—*P.* (as *Penenckiella* [*sic*]) a synonym of *Synaptophyllum* p. 37, STUMM **137.**

Pentactinia discussed p. 29, CARLGREN **18.**

†*Peripaedium* discussed p. 26, *turbinatum* p. 68 fig., STUMM **137.**

†*Petraia* diagnosed p. 3, *radiata* p. 58 fig., STUMM **137.**

†Petraiidae discussed p. 3, STUMM **137.**

†*Pexiphyllum* a synonym of *Temnophyllum* p. 36, STUMM **137.**

†*Phacellophyllum* a synonym of *Macgeea* (*Thamnophyllum*) pp. 102, 115, SCHOUPPÉ **126.**—*P.* (as *Phacelophyllum* [*sic*]) diagnosed p. 36, *caespitosum* p. 74 fig., *trigemme* p. 74 fig., STUMM **137.**—*P.* see also *Disphyllum.*

Phellia discussed p. 104, CARLGREN **18.**

Phelliactis discussed p. 96, CARLGREN **18.**

Phelliogeton discussed p. 88, CARLGREN **18.**

Phialobia **gen. n.** (fam. Actiniidae) p. 59, genotype (by monotypy) *steinbecki* **sp. n.** p. 59 Gulf of California, CARLGREN K. svensk. Vetensk Akad. Handl. (4) **1** 1 1949.

†*Phillipsastraea* discussed p. 34, *hennahi* p. 73 fig., *boloniensis* p. 73 fig., *nevadensis* p. 73 fig., STUMM **137.**

Phlyctenactis discussed p. 61, CARLGREN **18.**

Phlyctenanthus **gen. n.** (fam. Actiniidae) p. 61, genotype (by monotypy) *australis* **sp. n.** p. 61 Sydney, CARLGREN K. svensk. Vetensk. Akad. Handl. (4) **1** 1 1949.

Phyllactis discussed p. 66, CARLGREN **18.**

Phyllodiscus discussed p. 44, CARLGREN **18.**

Phymactis discussed p. 51, CARLGREN **18.**—*P. cavernata* p. 10 fig., FIELD **42.**

Phymanthus discussed p. 74, CARLGREN **18.**

Phytocoetes discussed p. 37, CARLGREN **18.**

Phytocoetopsis discussed p. 37, CARLGREN **18.**

†*Pinnatophyllum* a synonym of *Aulacophyllum* p. 16, STUMM **137.**

†*Placophyllum* discussed p. 30, *tabulatum* pp. 30, 71 fig., STUMM **137.**

†*Placosmilia* discussed p. 18, *cymbula* p. 19, *bojnicensis* **sp. n.** p. 20 fig. Eocene Czechoslovakia, ALLOITEAU Práce Štát. Geol. Ust. Bratislava **24** 1949.

Placotrochides discussed p. 103, *P. ?kikutii* **sp. n.** p. 104 fig. Japan, YABE & EGUCHI Bull. Biogeogr. Soc. Japan **11** 12 1941.

†*Plagiophyllum* discussed p. 39, genotype *obliquum* p. 40, a synonym of *Nardophyllum* (*q.v.*) p. 40, STUMM **137.**

†*Plasmophyllum* diagnosed p. 20, *eifelense* **nom. n.** *pro Cyathophyllum goldfussi* Ed. & H. (*non* Castelnau) pp. 20, 65 fig. Middle Devonian Germany, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Platycyathus* discussed p. 158, DURHAM **31.**

Protanthea discussed p. 17, *simplex* pl. 4, CARLGREN **18.**

†*Pselophyllum* a synonym of *Pseudamplexus* p. 51, STUMM **137.**

Pseudactinia discussed p. 52, CARLGREN **18.**

†Pseudamplexinae **subfam. n.** (of Chonophyllidae) p. 48, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Pseudamplexus* discussed, synonymous with *Pselophyllum* p. 51, *ligeriensis* pp. 51, 81 fig., *bohemicum* pp. 51, 81 fig., STUMM **137.**

Pseudhormathia discussed p. 46, CARLGREN **18.**

†*Pseudochonophyllum* discussed, ? =*Chonophyllum* p. 50, STUMM **137.**

Pseudoparactis discussed p. 84, CARLGREN **18.**

†*Pseudopavona* **gen. n.** (fam. Pseudopavonidae), genotype (by original designation) *taisyakuana* **sp. n.** Carboniferous Japan, YABE, SUGIYAMA & EGUCHI J. Geol. Soc. Japan **50** 1943 [not seen].

†Pseudopavonidae **fam. n.** Carboniferous Japan, YABE, SUGIYAMA & EGUCHI J. Geol. Soc. Japan **50** 1943 [not seen].

†*Pseudoptenophyllum* diagnosed p. 22, *philocrinum* p. 67 fig., STUMM **137.**—*P.* see also *Cyathophyllum.*

†*Pseudostringophyllum* a synonym of *Disphyllum* p. 33, STUMM **137.**

†*Pseudozonophyllum* discussed, possibly synonymous with *Zonophyllum* p. 47, *halli* pp. 47, 79 fig., STUMM **137.**

†*Ptenophyllum* synonymous with *Acanthophyllum* p. 21, STUMM **137.**

†*Pterrorhiza* discussed p. 19, *marginata* p. 65 fig., STUMM **137.**

Ptychodactis discussed p. 11, CARLGREN **18.**

†*Ptychophyllum* diagnosed p. 50, *stokesi* pp. 50, 81 fig., STUMM **137.**

Pycnanthus discussed p. 84, CARLGREN **18.**

Radianthus discussed p. 73, CARLGREN **18.**

†*Radiastraea* a synonym of *Billingsastraea* p. 34, STUMM **137.**

†*Retiophyllum* diagnosed p. 10, *mirum* p. 61 fig., STUMM **137.**

†*Rhizophyllum* p. 52, STUMM **137.**

Rhodactis discussed p. 15, CARLGREN **18.**

Ricordea discussed p. 14, CARLGREN **18.**

Sagartia discussed p. 101, CARLGREN **18.**—*S.* (as *Sagarthia* [*sic*]) *dohrni* p. 273 fig., LEGHISSA **74.**

Sagartianthus discussed p. 102, CARLGREN **18.**

Sagartiogeton discussed p. 105, CARLGREN **18.**

Sagartiomorpha discussed p. 100, a synonym of *Paraphellia* p. 96, *carlgreni* pl. 4, CARLGREN **18.**

†*Sanidophyllum* diagnosed p. 30, *davidis* p. 71 fig., STUMM **137.**

†*Scenophyllum* diagnosed p. 14, *conigerum* lectotype chosen pp. 15, 63 fig., STUMM **137.**

†*Schizophyllum* sp. p. 14 fig., *acanthicum* p. 17 fig., SAMPELAYO **122.**—*S.* Wedekind (non Verhoeff) a synonym of *Loepophyllum* p. 28, STUMM **137.**

†*Schlotheimophyllum* discussed p. 48, *patellatum* pp. 48, 80 fig., STUMM **137.**

†*Scoliophyllum* discussed p. 42, *lamellosum* pp. 42, 77 fig., STUMM **137.**

Scytophorus discussed p. 27, CARLGREN **18.**

Sicyonis discussed p. 80, CARLGREN **18.**

Sideractis discussed p. 12, *glacialis* pl. 4, CARLGREN **18.**

†*Siderofungia andrusovi* p. 9 fig., *bojnicensis* p. 10 fig., **spp. n.** Eocene Czechoslovakia, ALLOITEAU Práce Štát. Geol. Ust. Bratislava 24 1949.

†*Sinospongophyllum* a synonym of *Tabulophyllum* p. 27, STUMM **137.**

Siphonactinopsis discussed p. 27, CARLGREN **18.**

†*Siphonodendron* discussed p. 628, MCLAREN & SUTHERLAND **79.**—*S. asiatica* var. *minor* **var. n.** p. 63 fig. Lower Carboniferous Manchuria, MINATO J. Fac. Sci. Hokkaido Univ. Geol. Min. 4 7 1 1943.

†*Siphonophrentis* sp. p. 107 fig., NEWELL **94.**—*S.* diagnosed p. 12, *gigantea* p. 62 fig., STUMM **137.**

†?*Smilotrochus* sp. p. 17 fig., ALLOITEAU **1.**

†*Smithia johanni* the genotype of *Iowaphyllum* (*q.v.*) p. 50, STUMM **137.**

†*Solenastraea stefaninii* **sp. n.** p. 59 fig. Eocene Somaliland, ZUFFARDI-COMERCI Palaeontogr. ital. Pisa 32 suppl. 6 1948.

†*Sparganophyllum* diagnosed p. 24, *difficile* p. 68 fig., STUMM **137.**

†*Spinophyllum* a synonym of *Cylindrophyllum* p. 33, *spongiosum* pp. 33, 72 fig., STUMM **137.**

†Spongophyllinae discussed p. 29, STUMM **137.**

†*Spongophyllum* p. 124, *romingeri* p. 125 fig., *alpenense* p. 126 fig., **spp. n.** Devonian Michigan, EHLERS & STUMM Contr. Mus. Paleont. Univ. Michigan Ann Arbor 7 8 1949.—*S.* diagnosed p. 31, *sedgwicki* p. 71 fig., *semiseptatum* p. 71 fig., *cyathophylloides* the genotype of *Australophyllum* (*q.v.*) p. 34 fig., STUMM **137.**

†Stenophyllidae re-named Leptoinophyllidae p. 23, STUMM **137.**

Stephanauge discussed p. 99, CARLGREN **18.**

Stephensonactis discussed p. 37, CARLGREN **18.**

†*Stereoelasma* diagnosed p. 7, *rectum* p. 60 fig., STUMM **137.**

†*Stereophyllum* an exact synonym of *Plasmophyllum* p. 20, STUMM **137.**

†*Stewartophyllum* diagnosed p. 9, *intermittens* p. 60 fig., *intermittens* partim probably is *Amplexiphyllum hamiltonae* p. 9, STUMM **137.**

Stoichactis discussed p. 73, CARLGREN **18.**

Stomphia discussed p. 79, a synonym of *Tealia* p. 63, *coccinea* pl. 1, CARLGREN **18.**

†*Streptelasma* diagnosed p. 29, *corniculum* p. 30 fig., WILSON **151.**—*S. profundum* p. 354 fig., *radicans* p. 390 fig., WILSON **152.**

†Stringophyllinae discussed p. 23, STUMM **137.**

†*Stringophyllum* sp. p. 14 fig., SAMPELAYO **122.**—*S.* diagnosed p. 27, *normale* p. 70 fig., *isactis* p. 70 fig., STUMM **137.**

†*Strombodes alpenensis* pp. 49, 50, *knotti* pp. 50, 82 fig. are spp. of *Iowaphyllum* (*q.v.*), STUMM **137.**

†*Sugiyamaella* **gen. n.** p. 143, genotype (by monotypy) *carbonarium* **sp. n.** p. 143 fig. Permian Japan, YABE & MINATO Japan. J. Geol. Geogr. 19 1-4 1944.

Synactinernus discussed p. 20, CARLGREN **18.**

Synandwakia discussed p. 39, CARLGREN **18.**

†*Synaptophyllum crassiseptatum* **sp. n.** p. 29 fig. Middle Devonian Michigan, EHLERS & STUMM Contr. Mus. Paleont. Univ. Michigan Ann Arbor 8 3 1949.—*S.* discussed p.124, SCHOUPPÉ (see also *Macgeea*) **126.**—*S.* discussed, synonymous with *Penenckiella* p. 37, *simcoense* p. 74 fig., *arundinaceum* p. 74 fig., STUMM **137.**

Synhalcampella discussed p. 25, CARLGREN **18.**

Synhalcurias discussed p. 19, CARLGREN **18.**

Synsicyonis discussed p. 81, CARLGREN **18.**

†*Syringaxon* diagnosed p. 10, *siluriensis* p. 61 fig., *bohemicum* p. 61 fig., var. *barrandei* p. 61 fig., *opinata* p. 61 fig., *acuminatum* p. 61 fig., *americanum* p. 61 fig., STUMM **137.**

†Syringaxonidae discussed p. 9, STUMM **137.**

†*Tabulophyllum* discussed p. 27, synonymous with *Apolythophyllum* and *Sinospongophyllum* p. 27, *normale* p. 69 fig., *rectum* p. 69 fig., *ehlersi* p. 69 fig., *planotabulatum* p. 69 fig., STUMM **137.**

†*Taeniocalamolopas* discussed p. 127, SCHOUPPÉ **126.**

Tealia discussed p. 63, *felina* var. *coriacea* pl. 3, var. *crassicornis* pl. 3, CARLGREN **18.**

Tealianthus discussed p. 56, CARLGREN **18.**

Tealidium discussed p. 81, CARLGREN **18.**

Telmatactis discussed p. 90, CARLGREN **18.**

†*Temnophyllum* discussed p. 36, synonymous with *Pexiphyllum* and with *Diplophyllum* Soshkina non Hall p. 36, *clavatum* p. 74 fig., *rectum* p. 74 fig., STUMM **137.**

Thalassianthus discussed p. 69, CARLGREN **18.**

†*Thamnophyllum* discussed p. 100, SCHOUPPÉ **126** (see also *Macgeea*). —*T.* diagnosed p. 36, *stachei* p. 74 fig., STUMM **137.**

†*Thecosmilia* cf. *sublaevis* p. 300, KÜHN **71.**

†*Thysanophyllum* discussed p. 628, polyphyletically derived from *Lonsdaleia* or from *Lithostrotion* p. 630, MCLAREN & SUTHERLAND **79.**

†*Tortophyllum* diagnosed p. 25, *cysticum* p. 68 fig., STUMM **137.**

†*Trapezophyllum* diagnosed p. 37, *elegantulum* p. 74 fig., STUMM **137.**

†*Trematophyllum* discussed p. 22, *helianthoides* pp. 22, 67 fig., lectotype of *helianthoides* chosen p. 22, synonymous with *Dohmophyllum* p. 22, *involutum* pp. 22, 67 fig., *schulzi* p. 67 fig., cf. *schulzi* p. 67 fig., STUMM **137.**

Triactis discussed p. 44, CARLGREN **18.**

†*Triplophyllum* a synonym of *Heterophrentis* (*q.v.*) p. 12, STUMM **137.**

†*Trochocyathus* (*Platycyathus*) *lunulitiformis* ontogeny p. 157 fig., *depressus* p. 158 fig., DURHAM **31.**

†*Trochosmilia* discussed p. 1148, genotype *Turbinolia corniculum* p. 1149, *T. faujasi* the type of *Edwardsosmilia* p. 1150, ALLOITEAU **2.**

†*Uralophyllum* diagnosed p. 46, *unicum* pp. 46, 79 fig., STUMM **137.**

Urticinopsis discussed p. 60, CARLGREN **18.**

†*Vepresiphyllum* diagnosed p. 30, *falciforme* p. 71 fig., STUMM **137.**

†*Waagenophyllum* discussed p. 629, MCLAREN & SUTHERLAND **79.**—*W. indicum* p. 52 fig., MINATO **87.**

†*Wedekindophyllum* **nom. n.** (*pro Lithophyllum* Wedekind *non* Mueller) p. 39, *marginatum* pp. 39, 76 fig., possibly a synonym of *Nardophyllum* p. 40, STUMM Mem. Geol. Soc. Amer. **40** 1949.

†*Wentzelella kitakamiensis* **sp. n.** p. 139 fig. Permian Japan, YABE & MINATO Japan. J. Geol. Geogr. **19** 1-4 1944.

†*Wentzelloides* **gen. n.** p. 141, genotype (by monotypy) *maiyaensis* **sp. n.** p. 141 fig. Permian Japan, YABE & MINATO Japan. J. Geol. Geogr. **19** 1-4 1944.

†X*enocyathellus* diagnosed p. 6, *thedfordensis* p. 59 fig., STUMM **137.**

†X*ystriphyllum* diagnosed p. 33, *dunstani* p. 72 fig., STUMM **137.**

†Zaphrentidae discussed p. 11, STUMM **137.**

†*Zaphrentis* sp. p. 107 fig., NEWELL **94.**—*Z. roemeri* p. 10 fig., *spinulosa* p. 12 fig., *clifordana* p. 13 fig., SAMPELAYO **122.**—Z. diagnosed p. 12, *phrygia* p. 62 fig., *calculoides* p. 62 fig., *alternata* p. 62 fig., *davisana* the genotype of *Compressiphyllum* (*q.v.*) p. 13, STUMM **137.**

†*Zonodigonophyllum* discussed p. 46, *primum* pp. 46, 79 fig., *bipartitum* p. 79 fig., sp. pp. 46, 79 fig., STUMM **137.**

Zonophyllum discussed p. 46, synonymous with *Legnophyllum* p. 46 and possibly with *Pseudozonophyllum* p. 47, *duplicatum* pp. 46, 79 fig., *primum* p. 79 fig., *cylindricum* pp. 46, 79 fig., STUMM **137**.

CTENOPHORA

Bolinopsis ? **sp. n.** 139, SPROSTON **135**.

? "Cydippe" larva p. 139, SPROSTON **135**.

Ctenoplana bengalensis **sp. n.** p. 153 fig. Madras, GNANAMUTHU & NAIR Proc. Indian Acad. Sci. **27B** 6 1948.

?Hormiphora sp. juv. p. 139, SPROSTON **135**.

INCERTAE SEDIS

†*Acanthochitina barbata* p. 55 fig., HUCKE **60**.

†*Angochitina capillata* p. 55 fig., HUCKE **60**.

†*Challapora* **gen. n.** genotype (by monotypy) *cuyana* p. 7 Ordovician Argentina, RUSCONI Rev. Mus. Hist. nat. Mendoza **3** 1 1949.

†*Conochitina striata* p. 53 fig., *calix* p. 53 fig., *micracantha* p. 53 fig., *stentor* p. 53 fig., *campanulaeformis* p. 53 fig., *primitiva* p. 53 fig., *pistilliformis* p. 53 fig., *spinosa* p. 55 fig., *cervicornis* p. 55 fig., *ancyracea* p. 55 fig., HUCKE **60**.

†*Desmochitina minor* p. 53 fig., *margaritana* p. 53 fig., *? D.* sp. p. 53 fig., HUCKE **60**.

†*Lagenochitina prussica* p. 55 fig., HUCKE **60**.

†*Mirachitina quadrupedis* p. 55 fig., HUCKE **60**.

†*Parachitina curvata* p. 53 fig., HUCKE **60**.

†*Ptychochaetetes* **gen. n.** pp. 4,11, *ramosus* p. 4 fig., *globosus* p. 6 fig., **spp. n.** Jurassic Switzerland, cf. *globosus* p. 7 fig., KOECHLIN Schweiz. Palaeont. Abh. **65** 4 (1944-47) 1947.